

| Ref # | Hits    | Search Query  | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|--|------------------|---------|------------------|
| L1    | 58      | HA2 and (protein or polypeptide or peptide) and 530/350.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/11/28 09:09 |
| L2    | 13      | HA2 and (protein or polypeptide or peptide) and 514/12.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/11/28 09:09 |
| L3    | 1       | HA2 and (protein or polypeptide or peptide) and 514/649.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/11/28 09:09 |
| L4    | 2       | HA2 and (protein or polypeptide or peptide) and 514/220.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/11/28 09:10 |
| L5    | 20      | HA2 and (protein or polypeptide or peptide) and 435/7.1.ccls. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/11/28 09:10 |
| S1    | 34      | HA2 with domain   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/02/28 13:24 |
| S2    | 0       | HA2 with domain same family                                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/02/28 13:23 |
| S3    | 1042641 | HA2 with domain same conserved sequence                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/02/28 13:23 |
| S4    | 2       | HA2 with domain same conserved with sequence                  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/02/28 13:23 |
| S5    | 739     | HA2   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/02/28 14:01 |
| S6    | 361     | HA2 and (protein or polypeptide or peptide)                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/11/28 09:08 |
| S7    | 211     | S6 and administering  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/02/28 14:02 |

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| S9  | 4      | HA2 same administering and agent            | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/02/28 14:03 |
| S10 | 361    | HA2 and (protein or polypeptide or peptide) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 14:33 |
| S11 | 197    | S10 and administering and agent             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 14:33 |
| S12 | 352    | prophyrin                                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 14:36 |
| S13 | 0      | prophyrin and HA2                           | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 14:36 |
| S14 | 0      | prophyrin and HA-2                          | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 14:36 |
| S15 | 0      | prophyrin and HA2                           | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 14:36 |
| S16 | 256    | Ha2 and inhibit                             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 15:56 |
| S17 | 11     | HA2 same inhibit                            | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 15:56 |
| S18 | 149899 | administering and agent amd HA2             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:00 |
| S19 | 140700 | administering and agent aad HA2             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:00 |
| S20 | 206    | administering and agent and HA2             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:00 |

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| S21 | 155 | administering and agent and HA2 and inhibit    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:00 |
| S22 | 37  | administering same agent and HA2 and inhibit   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:01 |
| S23 | 1   | administering same agent same HA2 and inhibit  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:01 |
| S24 | 0   | 95wo-US16108-\$.did.                           | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:22 |
| S25 | 2   | wo-9516108-\$.did.                             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:22 |
| S26 | 2   | wo-9617936-\$.did.                             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/03/03 16:23 |
| S27 | 3   | HagA with gene with product                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/09 14:56 |
| S28 | 2   | HagA with gene with product and administering  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/09 14:56 |
| S29 | 0   | HagA with gene with product same administering | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/09 14:56 |
| S30 | 1   | "980370".ap. and agent                         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:18 |
| S31 | 2   | "980370".ap.                                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:18 |
| S32 | 0   | "09980370".ap.                                 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:18 |

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| S33 | 2  | "980370".ap.                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:18 |
| S34 | 2  | "980370".ap.                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:33 |
| S35 | 42 | HA2 with domain                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:34 |
| S36 | 32 | HA2 with domain and inhibitor  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:34 |
| S37 | 2  | HA2 with domain same inhibitor | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:35 |
| S38 | 11 | HA2 same inhibitor             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:36 |
| S39 | 0  | HA2 same "P.gingivalis"        | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:36 |
| S40 | 1  | HA2 and "P.gingivalis"         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/11/25 15:41 |